

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method performed by a distributed document object model system for associating business logic, comprising:
receiving a registration request from a business logic event handler for an event of the distributed document object model system, wherein the distributed document object model system causes the event to occur when a first modification is made to a hierarchical document;
registering the business logic event handler; and
if the event occurs,
notifying the business logic event handler;
receiving an indication from the business logic event handler; and
performing a function relating to the received indication, wherein the performed function applies a business rule that causes a second modification to the hierarchical document.
2. (Canceled)
3. (Previously Presented) The method of claim 1 wherein the event handler is registered for a document type.
4. (Previously Presented) The method of claim 1 wherein the event handler disallows the first modification so that the event does not occur.
5. (Previously Presented) The method of claim 1 wherein the event handler allows the first modification so that the event occurs.

6. (Previously Presented) The method of claim 1 wherein event handling is performed on a client computing device.

7. (Previously Presented) The method of claim 1 wherein event handling is performed on a server computing device.

8. (Previously Presented) The method of claim 1 wherein the event is generated before the first modification is made to the hierarchical document.

9. (Previously Presented) The method of claim 1 wherein the event is generated after the first modification is made to the hierarchical document.

10. (Canceled)

11. (Canceled)

12. (Withdrawn) The method of claim 1 wherein an answer message is sent to a client that requested the first modification to the hierarchical document that caused the event handler to enforce the business rule that caused the second modification to the hierarchical document.

13. (Withdrawn) The method of claim 12 wherein a broadcast message is sent to another connected client.

14. (Withdrawn) The method of claim 1 wherein the business rule causes the second modification to the document without a corresponding request from a client.

15. (Withdrawn) The method of claim 14 wherein a broadcast message is sent to all connected clients indicating the second modification.

16. (Previously Presented) A distributed document object model system for associating business logic, comprising:

- a component that receives a registration request from a business logic event handler for an event of the distributed document object model system, wherein the distributed document object model system causes the event to occur when a first modification is made to a hierarchical document;
- a component that registers the business logic event handler;
- a component that notifies the business logic event handler when the event occurs;
- a component that receives an indication from the business logic event handler; and
- a component that performs a function relating to the received indication, wherein the function performed includes applying the business rule, thereby making a second modification to the hierarchical document.

17. (Canceled)

18. (Previously Presented) The system of claim 16 wherein the business logic event handler is registered for a document type.

19. (Previously Presented) The system of claim 16 wherein the business logic handler disallows the first modification made to the document.

20. (Previously Presented) The system of claim 16 wherein the business logic event handler allows the first modification made to the document.

21. (Previously Presented) The system of claim 16 wherein event handling is performed on a client computing device.

22. (Previously Presented) The system of claim 16 wherein event handling is performed on a server computing device

23. (Previously Presented) The system of claim 16 wherein the event is generated before the first modification is made to the hierarchical document.

24. (Previously Presented) The system of claim 16 wherein the event is generated after the first modification is made to the hierarchical document.

25. (Canceled)

26. (Canceled)

27. (Withdrawn) The system of claim 16 wherein an answer message is sent to a client that requested the first modification to the document that caused the event handler to enforce the business rule that caused the second modification to the document.

28. (Withdrawn) The system of claim 27 wherein a broadcast message is sent to another connected client.

29. (Withdrawn) The system of claim 16 wherein the business rule causes the second modification to the document without a corresponding request from a client.

30. (Withdrawn) The system of claim 29 wherein a broadcast message is sent to all connected clients.